114.2 - Lubricating Oil

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

			Elemental Composition (in mg/kg) *indicates %														
SRM	**Description**	**Unit of Issue**	**Ag**	**Al**	**As**	**B**	**Ba**	**Ca**	**Cd**	**Cl**	**Cr**	**Cu**	**Fe**	**H**	**P**	**Pb**	**Mg**
1083	Wear Metals (Base Oil)	150 mL	304.6	(<0.5)						(	(	(	(			(	(
1084a	Wear Metals in Oil, 100 mg/kg	set (5)		(104)							98.3	100.0	98.9			101.1	99.5
1085b	Wear Metals in Lubricating Oil	set (5)	304.6	300.4	51.3	(300) ?	(314) ?	(298) ?	302.9 ?	57.6	302.9	295.6	301.2		299.9	297.7	297.3
1848	Lubricating Oil Additive Package	100 g				0.137*		0.359*		927				12.3*?	0.788*??		0.821*

Values in parentheses are given for information only.

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			Elemental Composition (in mg/kg) *indicates %										
SRM	**Description**	**Unit of Issue**	**Mn**	**Mo**	**N**	**Ni**	**Si**	**Na**	**Sn**	**S**	**Ti**	**V**	**Zn**
1083	Wear Metals (Base Oil)	150 mL	(	(		(	(< 1) ?	(	(	(980) ?	(	(	(<0.08)
1084a	Wear Metals in Oil, 100 mg/kg	set (5)		100.3		99.7	(103)		97.2	(1700)	100.4	95.9	
1085b	Wear Metals in Lubricating Oil	set (5)	(289)	(296)		295.9	300.2	305.2	(294)		301.1	297.8	296.8
1848	Lubricating Oil Additive Package	100 g			0.57*?		50			2.3270*			0.873*

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